

From: [Kottke, Rita](#)
To: [Jhana Enders/R6/USEPA/US@EPA](#)
Subject: RE: recent fish kill in OKC
Date: 08/02/2012 04:25 PM

Yes, I think it would still be helpful. Thanks!

From: Jhana Enders [mailto:Enders.Jhana@epamail.epa.gov]
Sent: Thursday, August 02, 2012 4:25 PM
To: Kottke, Rita
Subject: Re: recent fish kill in OKC

Rita,

Actually the data we collected was the fire water runoff into the canal...is that something you want?
We didn't sample the sump and the runoff may or may not have all the Fracking components...helpful still?

Jhana Enders, Federal On-Scene Coordinator (FOSC)
Emergency Readiness Team (6SF-PE)
U.S. EPA, Region 6
1445 Ross Avenue (8th Floor)
Dallas, Tx 75202-2733
Office: (214) 665-6654
Cell: (214) 789-9654
Fax: (214) 665-2278
enders.jhana@epa.gov

"Nothing in life is to be feared. It is only to be understood." (Marie Curie)

From: "Kottke, Rita" <Rita.Kottke@deg.ok.gov>
To: Jhana Enders/R6/USEPA/US@EPA
Date: 08/02/2012 02:51 PM
Subject: recent fish kill in OKC

Hi Jhana! It's been a long time since I've talked to you. I hope all is well.

The reason I am bugging you today is the recent fish kill in OKC due to a spill of fracking fluid. Did you by chance collect and analyze the fracking fluid? If so, did you run SVOCs? If so, did the lab report any problems with the mixture gelling when the pH was raised? Any information you have will be helpful. Thanks.

Rita R. Kottke, Ph.D.
Remediation Programs Manager
Oklahoma Department of Environmental Quality



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